APPENDIX

Versions of amended title, specification, and claims 1, 28, 29, 30, 33, 55, and 56, with markings to show changes made, pursuant to 37 C.F.R. § 1.121 (c)(1)(ii):

AMENDED TITLE

Applicant presents the amended title in marked-up form below, to aid the Examiner in identifying amendments.

DYE COMPOSITION CONTAINING 1,8-BIS(2,5-DIAMINOPHENOXY)-3,[5]6-DIOXAOCTANE, AN ADDITIONAL OXIDATION BASE AND A COUPLER, AND DYEING PROCESSES

AMENDED SPECIFICATION

Applicant presents the amended portions of the specification in marked-up form below, to aid the Examiner in identifying amendments.

Amended first full paragraph on page 1 of the specification:

The invention relates to a composition for the oxidation dyeing of keratin fibers, containing a first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, and the acid-addition salts thereof, at least one second selected oxidation base and at least one coupler; as well as to the oxidation dyeing process using this composition.

Amended last full paragraph on page 2, which extends to the first two lines of page 3, of the specification:

The inventor has now discovered, entirely surprisingly and unexpectedly, that the combination of 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, and/or of at least one of the acid-addition salts thereof, with at least one second suitably selected oxidation base and at least one coupler, can give intense colorations which moreover can have improved properties of

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resistance with respect to the various attacking factors to which the hair may be subjected (shampooing, light, bad weather, permanent-waving, perspiration, friction, etc.).

Amended paragraph on page 3, which extends from line 6 to line 7, of the specification:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof,

Amended paragraph on page 8, which extends from line 6 to line 9, of the specification:

The at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof preferably represent from 0.0005 to 12% by weight approximately relative to the total weight of the dye composition, and even more preferably from 0.005 to 6% by weight approximately relative to this weight.

Amended table on page 15 of the specification:

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EXAMPLE	1	2	3	4	5	6
1,8-Bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane tetrahydrochloride monohydrate	0.39	0.39	0.39	0.39	0.39	0.39
para-Phenylenediamine (second oxidation base)	0.162	-	0.162	-	-	-
para-Aminophenol (second oxidation base)	-	0.163	-	-	-	-
3-Methyl-4-aminophenol (second oxidation base)	-	-	-	0.184	-	-
2-(β-Hydroxyethyl-para-phenylenediamine dihydrochloride (second oxidation base)	-	-	-	-	0.337	-
2,6-Dimethyl-para-phenylenediamine dihydrochloride (second oxidation base)	-	-	-	-	-	0.313
5-N-(β-Hydroxyethyl)amino-2-methylphenol (coupler)	0.498	-	-	-	-	-
2,4-Diaminophenoxyethanol dihydrochloride (coupler)	-	0.723	-	-	-	-
1,3-Dihydroxybenzene (coupler)	-	-	0.33	-	-	-
5-Amino-2-methylphenol (coupler)	-	-	-	-	-	-
3-Aminophenol	-	-	-	-	0.327	-
6-Hydroxybenzomorpholine	-	-	-	-		0.453

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Amended table on page 19 of the specification:

EXAMPLE	**7**	**8**	**9**	**10**	**11**	**12**
1,8-Bis(2,5-diaminophenoxyl)-3,[5]6-dioxaoctane tetra hydrochloride monohydrate	0.39	0.39	0.39	0.39	0.39	0.39
para-Phenylenediamine (second oxidation base)	0.162	-	0.162		-	-
para-Aminophenol (second oxidation base)	-	0.163	-	-		
3-Methyl-4-aminophenol (second oxidation base)	-	-	-	0.184	-	
2-(β-Hydroxyethyl)-para-phenylenediamine dihydrochloride (second oxidation base)	-	-	-	-	0.337	-
2,6-Dimethyl-para-phenylenediamine dihydrochloride (second oxidation base)	-	-	-		-	0.313
5-N-(β-Hydroxyethyl)amino-2-methylphenol (coupler)	0.498	-				-
2,4-Diaminophenoxyethanol dihydrochloride (coupler)	-	0.723	-			
1,3-Dihydroxybenzene (coupler)	-	-	0.33	-		
5-Amino-2-methylphenol (coupler)	-		-	0.369	-	
3-Aminophenol	-			-	0.327	-
6-Hydroxybenzomorpholine						0.453

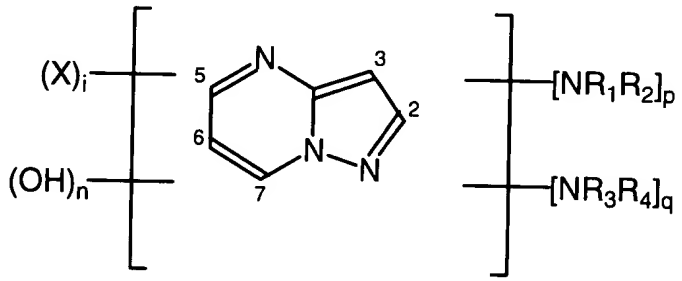
AMENDED CLAIMS

Applicant presents amended claims 1, 28-30, 33, 55 and 56 in marked-up form below, to aid the Examiner in identifying amendments.

1. (Amended) A composition for oxidation dyeing of keratin fibers, comprising:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;

- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4'-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):



(I)

in which:

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- R_1, R_2, R_3 and R_4, which are identical or different, are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, and di[hydroxy(C_1-C_4)alkyl]amino-(C_1-C_4)alkyl radicals;

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[hydroxy(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, amino radicals, (C_1-C_4)alkyl-amino radicals, di[(C_1-C_4)alkyl]amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;

- i is chosen from 0, 1, 2 and 3;

- p is chosen from 0 and 1;

- q is chosen from 0 and 1;

- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;

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- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR_1R_2 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler.

28. (Amended) A composition for oxidation dyeing of keratin fibers comprising: 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane tetrahydrochloride monohydrate, para-phenylenediamine, 5- N-(β-hydroxyethyl)amino-2-methylphenol, ethanol, sodium metabisulphite, pentasodium diethylenetriaminepentaacetic acid, aqueous ammonia, and demineralized water.

29. (Amended) A composition for oxidation dyeing of keratin fibers comprising: 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane tetrahydrochloride monohydrate, para-phenylenediamine, 5-N-(β-hydroxyethyl)amino-2-methylphenol, ethanol, dipotassium hydrogenphosphate, potassium dihydrogenphosphate, sodium metabisulphite, pentasodium diethylenetriaminepentaacetic acid, and demineralized water.

30. (Amended) A composition for oxidation dyeing of keratin fibers comprising

- at least one oxidation base chosen from acid-addition salts of 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane, wherein said salts are chosen from hydrochlorides, hydrobromides, sulphates, citrates, succinates, tartrates, lactates and acetates;

- at least one second oxidation base chosen from

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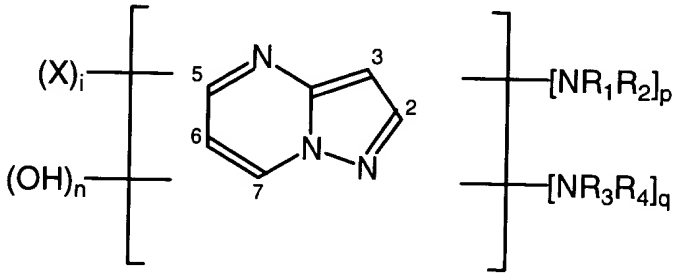
para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):



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in which:

- R_1, R_2, R_3 and R_4, which are identical or different, are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

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hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, and di[hydroxy(C_1-C_4)alkyl]amino-(C_1-C_4)alkyl radicals;

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings, hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[hydroxy(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, amino radicals, (C_1-C_4)alkyl-amino radicals, di[(C_1-C_4)alkyl]amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;

- i is chosen from 0, 1, 2 and 3;

- p is chosen from 0 and 1;

- q is chosen from 0 and 1;

- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;

- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR_1R_2 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

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- and at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers, sesamol, α-naphthol, and acid-addition salts thereof.

33. (Amended) A process for oxidation dyeing of keratin fibers, comprising:

applying to keratin fibers to be dyed a dyeing composition;

developing a desired color in said keratin fibers with the aid of at least one oxidizing agent;

wherein said dyeing composition comprises:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof,

- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4'-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):

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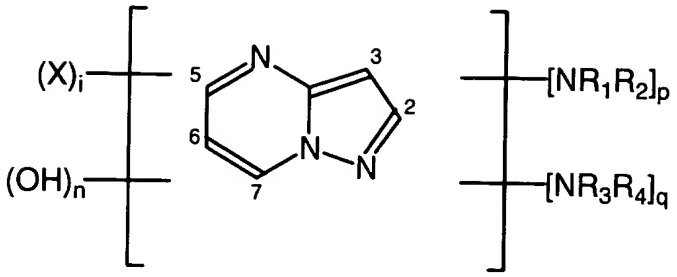

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in which:

- R_1, R_2, R_3 and R_4, which are identical or different, are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, and di[hydroxy(C_1-C_4)alkyl]amino-(C_1-C_4)alkyl radicals;

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[hydroxy(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, amino radicals, (C_1-C_4)alkyl-amino radicals, di[(C_1-C_4)alkyl]amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;

- i is chosen from 0, 1, 2 and 3;

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- p is chosen from 0 and 1;

- q is chosen from 0 and 1;

- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;

- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR_1R_2 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler.

55. (Amended) A multi-compartment dyeing device, comprising:

a first compartment,

a second compartment;

wherein said first compartment contains a dyeing composition comprising:

- - at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;

- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-

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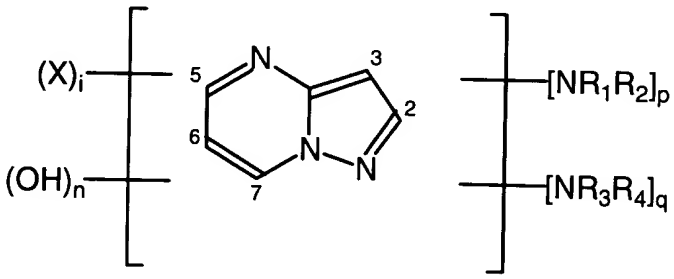
methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):



(I)

in which:

- R_1, R_2, R_3 and R_4, which are identical or different, are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, and di[hydroxy(C_1-C_4)alkyl]amino-(C_1-C_4)alkyl radicals;

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- radicals X are identical or different, and are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings, hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[hydroxy(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, amino radicals, (C_1-C_4)alkyl-amino radicals, di[(C_1-C_4)alkyl]amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;

- i is chosen from 0, 1, 2 and 3;

- p is chosen from 0 and 1;

- q is chosen from 0 and 1;

- n is chosen from 0 and 1;

with the proviso that:

- (i) the sum p + q is other than 0;

- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR_1R_2 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler;

wherein said second compartment contains an oxidizing composition comprising:

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- at least one oxidizing agent.

56. (Amended) A dyeing kit comprising:

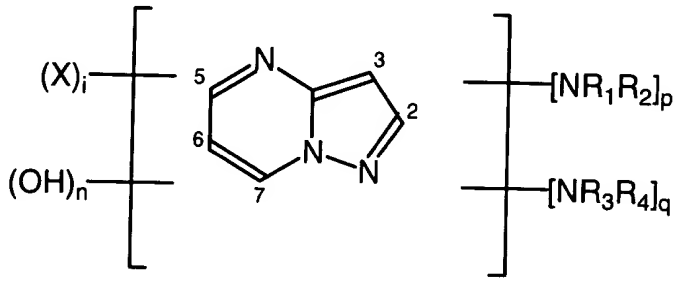
a first container,

a second container;

wherein said first container contains a dyeing composition comprising:

- at least one first oxidation base chosen from 1,8-bis(2,5-diaminophenoxy)-3,[5]6-dioxaoctane and acid-addition salts thereof;

- at least one second oxidation base chosen from para-phenylenediamine, para-toluenediamine, N,N-bis-(β-hydroxyethyl)-para-phenylenediamine, 2-(β-hydroxyethyl)-para-phenylenediamine, 2,6-dimethyl-para-phenylenediamine, 2-isopropyl-para-phenylenediamine, 2-chloro-para-phenylenediamine, N-phenyl-para-phenylenediamine, 4,4-diaminodiphenylamine, N-methoxyethyl-para-phenylenediamine, 2-n-propyl-para-phenylenediamine, 4-aminophenol, N-methyl-4-aminophenol, 2-hydroxymethyl-4-aminophenol, 3-methyl-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-(β-hydroxyethylaminomethyl)-4-aminophenol, 2-methoxy-4-aminophenol, 2-methoxymethyl-4-aminophenol, tetraaminopyrimidine, 4-hydroxy-2,5,6-triaminopyrimidine, 4,5-diamino-1-ethyl-3-methylpyrazole, 4,5-diamino-N-methylpyrazole, 4,5-diamino-1-(4'-chlorobenzyl)pyrazole, N,N'-bis(β-hydroxyethyl)-N,N'-bis(4'-aminophenyl)-1,3-diaminopropanol, 3-amino-6-dimethylaminopyridine and pyrazolo[1,5-a]pyrimidines of formula (I):



(I)

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in which:

- R_1, R_2, R_3 and R_4, which are identical or different, are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals wherein said amino can be protected with a protective group chosen from acetyl, ureido and sulphonyl groups, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, and di[hydroxy(C_1-C_4)alkyl]amino-(C_1-C_4)alkyl radicals;

- radicals X are identical or different, and are chosen from a hydrogen atom, C_1-C_4 alkyl radicals, aryl radicals, C_1-C_4 hydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, (C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,

di[(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, wherein said dialkyls can form a ring chosen from 5- and 6-membered aliphatic and heterocyclic rings,

hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals, di[hydroxy(C_1-C_4)alkyl]amino(C_1-C_4)alkyl radicals, amino radicals, (C_1-C_4)alkyl-amino radicals, di[(C_1-C_4)alkyl]amino radicals, halogen atoms, carboxylic acid groups and sulphonic acid groups;

- i is chosen from 0, 1, 2 and 3;

- p is chosen from 0 and 1;

- q is chosen from 0 and 1;

- n is chosen from 0 and 1;

with the proviso that:

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- (i) the sum p + q is other than 0;

- (ii) when p + q is equal to 2, then n is 0 and the groups NR_1R_2 and NR_3R_4 occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iii) when p is equal to 1 and q is equal to 0, then n is 1 and the group NR_1R_2 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

- (iv) when p is equal to 0 and q is equal to 1, then n is 1 and the group NR_3R_4 and the OH group occupy positions (2,3); (5,6); (6,7); (3,5) and (3,7);

and acid-addition salts thereof;

- and at least one coupler;

wherein said second container contains an oxidizing composition comprising:

- at least one oxidizing agent.

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